

Rec'd PCT/PTO

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re-MN

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/526,584A
Source: IFWP
Date Processed by STIC: 1/31/06

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/526,584A

DATE: 08/07/2006

TIME: 09:57:54

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C--> 1 <110> APPLICANT: University of South Florida
2 Mohapatra, Shyam
3 <120> TITLE OF INVENTION: Materials and Methods for Treatment of Allergic Diseases
4 <130> FILE REFERENCE: USF-183XC1
5 <140> CURRENT APPLICATION NUMBER: US/10/526,584A
6 <141> CURRENT FILING DATE: 2005-03-03
7 <150> PRIOR APPLICATION NUMBER: 60/319,529
8 <151> PRIOR FILING DATE: 2002-09-06
9 <150> PRIOR APPLICATION NUMBER: PCT/US2003/028056
10 <151> PRIOR FILING DATE: 2003-09-08
11 <160> NUMBER OF SEQ ID NOS: 17
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15 <211> LENGTH: 30
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17 <213> ORGANISM: Homo sapiens
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21 Asn Leu Leu Asp His Leu Glu Glu Lys Met Pro Leu Glu Asp
22 20 25 30
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25 <211> LENGTH: 37
26 <212> TYPE: PRT
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33 Ser Pro Ala Gln Arg
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37 <211> LENGTH: 20
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86           20           25           30
87   Ser Asn Ala Asp Leu Met Asp Phe Lys Asn Leu Leu Asp His Leu Glu
88           35           40           45
89   Glu Lys Met Pro Leu Glu Asp Glu Val Val Pro Pro Gln Val Leu Ser
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92           65           70           75           80
93   Pro Pro Trp Thr Gly Glu Val Ser Pro Ala Gln Arg Asp Gly Gly Ala
94           85           90           95
95   Leu Gly Arg Gly Pro Trp Asp Ser Ser Asp Arg Ser Ala Leu Leu Lys
96           100          105          110
97   Ser Lys Leu Arg Ala Leu Leu Thr Ala Pro Arg Ser Leu Arg Arg Ser
98           115          120          125
99   Ser Cys Phe Gly Gly Arg Met Asp Arg Ile Gly Ala Gln Ser Gly Leu

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155	accgtgagct tcctcctttt actggcatte cagctcctag gtcagaccag agctaatecc		

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158	gaagaagcgg	gggctgtctt	cagccccctc	cctgaggtgc	ctccctggac	cggggaagtc	360
159	agcccagccc	agagagatgg	aggtgccctc	gggcggggcc	cctgggactc	ctctgatcga	420
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161	tccagctgct	tcgggggacg	gatggacagg	attggagccc	agagcggact	gggctgtaac	540
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164	agttgtgac	atcccatcta	agctgcagct	tctgtcaac	acttctcaca	tcttatgcta	720
165	actgtagata	aagtgttttg	atgggtgactt	cctgcctct	cccccccat	gcattaaatt	780
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192	cttcgggggc	aggatggaca	ggattggagc	ccagagcggg	ctgggctgta	acagcttccg	1140
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196	ttaaaaaaaaa	aagggggggg	gctgggcacg	gtcgtcacgc	ctgtaatccc	agcactttgg	1380
197	gaggccaggc	agcggatcat	gaggtcaaga	gatcaagact	atcctggcca	acatggtgaa	1440
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215      aaattttaag gtagaacctc acctgttact gaaagtgggt tgaaagtga taaacttcag      2520
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227      20                    25                    30
228      Asn Thr Asp Leu Met Asp Phe Lys Asn Leu Leu Asp His Leu Glu Glu
229      35                    40                    45
230      Lys Met Pro Val Glu Asp Glu Val Met Pro Pro Gln Ala Leu Ser Glu
231      50                    55                    60
232      Gln Thr Glu Glu Ala Gly Ala Ala Leu Ser Ser Leu Pro Glu Val Pro
233      65                    70                    75                    80
234      Pro Trp Thr Gly Glu Val Asn Pro Pro Leu Arg Asp Gly Ser Ala Leu
235      85                    90                    95
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237      100                   105                   110
238      Lys Leu Arg Ala Leu Leu Ala Gly Pro Arg Ser Leu Arg Arg Ser Ser
239      115                   120                   125
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